

# PATENT ABSTRACTS OF JAPAN

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(21)Application number : 09-250786 (71)Applicant : TOYOTA AUTOM LOOM WORKS LTD

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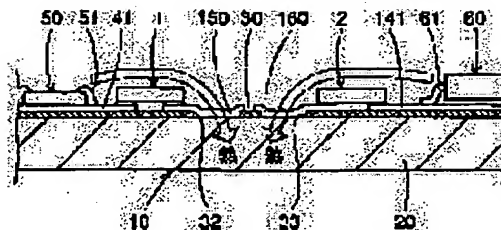
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## (54) MOUNTED WIRING BOARD

### (57)Abstract:

PROBLEM TO BE SOLVED: To improve heat radiating property by quickly diffusing the heat generated from electronic components to a base made of metal, without electrically short-circuiting between the conductor conducted to the base and the conductor that is not conducted.

SOLUTION: A substrate main body 10 is constituted of a base 20 made of a metal having conductivity, an insulating layer 30 provided on the base 20 in the layered pattern, and a plurality of conductors 41, 141, 150 and 160, which are formed on the insulating layer 30, have the conductivity and are conducted at different potentials. Electronic components (50 and 60), which are heated by the current application, are mounted on the substrate main body 10. Conductors 150 and 160 which are conducted to the base 20, and conductors 41 and 141 which are not conducted to the base 20, are connected with heat conducting parts 1 and 2 having heat conductivity.



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## LEGAL STATUS

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